

Product Datasheet

Recombinant Human Interleukin-12 receptor subunit beta-1(IL12RB1), partial (Active) (orb2280214)

Catalog Number	orb2280214
Category	Proteins
Description	This Recombinant Human Interleukin-12 receptor subunit beta-1(IL12RB1), partial (Active) spans the amino acid sequence from region 24-540aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal 10xHis-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized powder
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	CRTSECCFQDPPYPDADSGSASGPRDLRCYRISSDRYECSWQYEGPTAGVSHFLRCCLSSG RCCYFAAGSATRLQFSDQAGVSVLYTVTLWVESWARNQTEKSPEVTLQLYNSVKYEPPLG DIKVSFLAGQLRMWETPDNQVGAEVQFRHRTPPSPWKLGDGCPQDDDDTESCLCPLMNN VAQEFQLRRRQLGSQSSWSKWSSPVCVPPENPPQPQVRFVSEQLGQDGRRLTLKEQP TQLELPEGCQGLAPGTEVYRLQLHMLSCPCAKATRTHLHGKMPYLSGAAYNVAVISSNQ FGPGLNQTWHIPADTHTEPVALNISVGTNGTTMYWPARAQSMTYCIEWQPVGQDGGLAT CSLTAPQDPDPAGMATYSWSRESGAMGQEKCYITIFASAHPEKLTWSTVLSYHFGGNA SAAGTPHHVSVKNHSLDSVSDWAPSLSTCPGVLKEYVVRCDDESKQVSEHPVQPTET QVTLGSLRAGVAYTVQVRADTAWLRGVWSQPQRFSE
Protein Length	Partial
UniProt ID	P42701
MW	58.5 kDa

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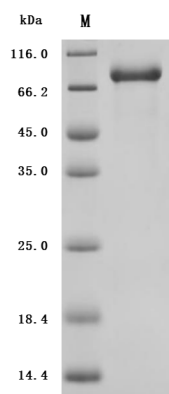
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Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Endotoxins	Less than 1.0 EU/μg as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human IL12RB1 at 2 μg/mL can bind Anti-IL12RB1 recombinant antibody. The EC50 is 1.578-2.143 ng/mL.
Expression Region	24-540aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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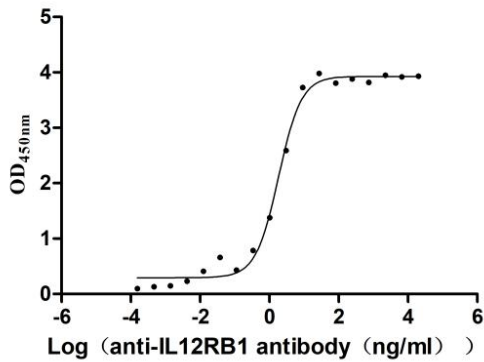
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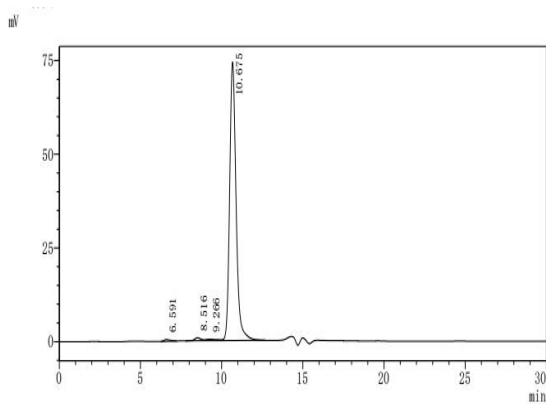
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Measured by its binding ability in a functional ELISA. Immobilized human IL12RB1 at 2 $\mu\text{g/ml}$ can bind Anti-IL12RB1 recombinant antibody. The EC₅₀ is 1.578-2.143 ng/mL.



The purity of IL12RB1 was greater than 95% as determined by SEC-HPLC

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